



#### **Practical 8**

Aim: Manipulating Data

(1) Give 10% interest to all depositors.

Query: update deposit set amount=(amount)+(amount\*0.1)

Output:



## (2) Give 10% interest to all depositors having branch vrce

Query: update deposit set amount=(amount)+(amount\*0.1) where bname='vrce' Output:

User: 22DCE006

Home > SQL > SQL Commands

Autocommit Display 10 

update deposit set amount=(amount)+(amount\*0.1) where bname='vrce' select \*from deposit

Results Explain Describe Saved SQL History

0 row(s) updated.

# (3) Give 10% interest to all depositors living in nagpur and having branch city bombay.

Query: update deposit set amount=(amount)+(amount\*0.1) where bname='nagpur' or bname='bombay'

Output:





User: 22DCE006
Home > SQL > SQL Commands
✓ Autocommit Display 10 ✓
update deposit set amount=(amount)+(amount*0.1) where bname='nagpur' or bname='bombay' select *from deposit
Results Explain Describe Saved SQL History
0 row(s) updated.
0.00 seconds

(4) Write a query which changes the department number of all employees with empno 7788's job to employee 7844'current department number.

Query: update employee set emp\_no=7844 where emp\_no=7788 Output:

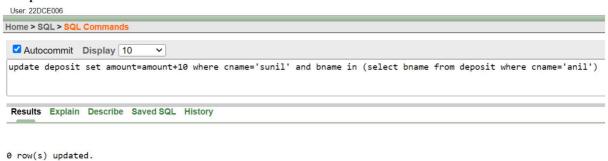


0 row(s) updated.

(5) Transfer 10 Rs from account of anil to sunil if both are having same branch.

Query: update deposit set amount=amount+10 where cname='sunil' and bname in (select bname from deposit where cname='anil')

#### Output:



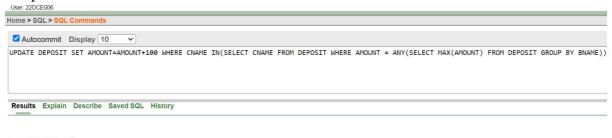




(6) Give 100 Rs more to all depositors if they are maximum depositors in their respective branch.

Query: UPDATE DEPOSIT SET AMOUNT=AMOUNT+100 WHERE CNAME IN(SELECT CNAME FROM DEPOSIT WHERE AMOUNT = ANY(SELECT MAX(AMOUNT) FROM DEPOSIT GROUP BY BNAME))

#### Output:

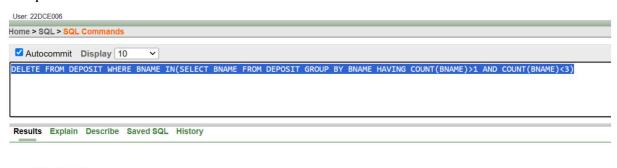


5 row(s) updated.

(7) Delete depositors of branches having number of customers between 1 to 3.

Query: DELETE FROM DEPOSIT WHERE BNAME IN(SELECT BNAME FROM DEPOSIT GROUP BY BNAME HAVING COUNT(BNAME)>1 AND COUNT(BNAME)<3)

### Output:

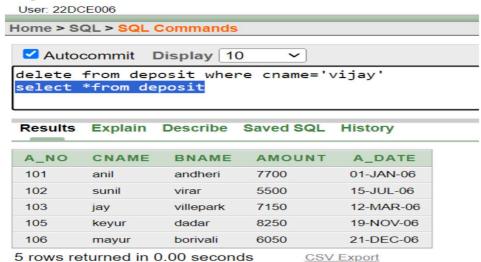


0 row(s) deleted.

# (8) Delete deposit of vijay.

Query: delete from deposit where cname='vijay'

## Output:







# (9) Delete borrower of branches having average loan less than 1000.

Query: delete from borrow where amount<1000

Output:

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✓ Autocommit Display 10 ✓

delete from borrow where amount<1000

Results Explain Describe Saved SQL History

0 row(s) deleted.

**Conclusion:** From this practical I learned about different functions used for data manipulation and other important queries.

**Staff Signature:** 

**Grade:** 

Remarks by the Staff: